BT-4304

3D SOUND SPEAKER WITH BLUETOOTH®

User manual

sonic emotion ABSOLUTE 3D

www.lenco.eu

V1.0

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Dear customer,

Thank you for buying this Lenco product. Quality and usability is our top priority. In order to let you fully enjoy this tablet, we have manufactured this product using high quality standards, materials, components, and care.

Please read all safety instructions and national restrictions, before you use this product.

Note:

This user manual was printed prior to the development of this product. When operability or other functions needed improvement, priority went to the product specification itself, and not to this manual.

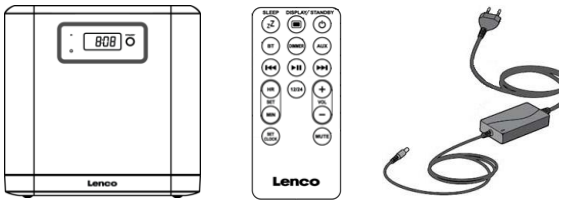
In such instances, the instruction manual may not entirely match all the functions of the actual product. Therefore, the actual product and packaging, as well as the name and illustration, may differ from the manual. The screen shown as an example in this manual may differ from the actual screen display.

Lenco is not liable for any consequential damage.

What is in the box?

This device has been assembled with the utmost care. If, however, an accessory is missing, please contact your local dealer immediately.

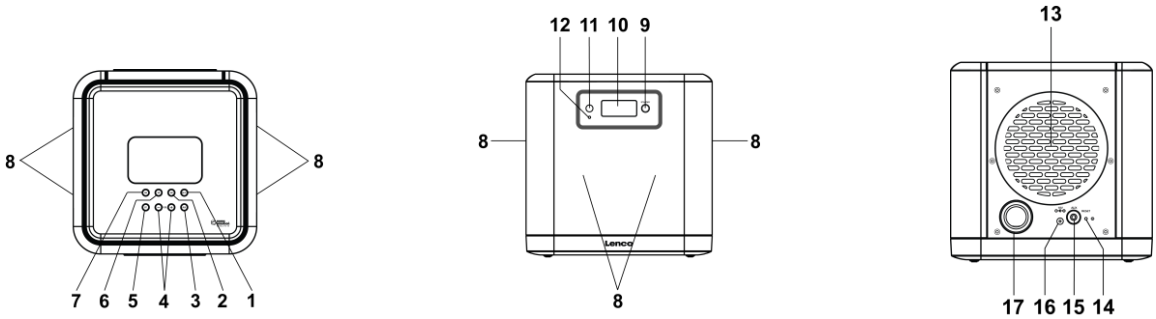
Checking the accessories supplied:



3D Sound

sonic emotion technology uses wavefield synthesis and soundfield reproduction to eliminate the physical dimensions of a room and transform it into a virtual soundfield. With wavefield synthesis sonic waves are produced and dispersed throughout the listening room ensuring localization of virtual sound sources does not depend on or change with the listener's position. As in a natural environment real sounds are heard from all around regardless of the device positioning.

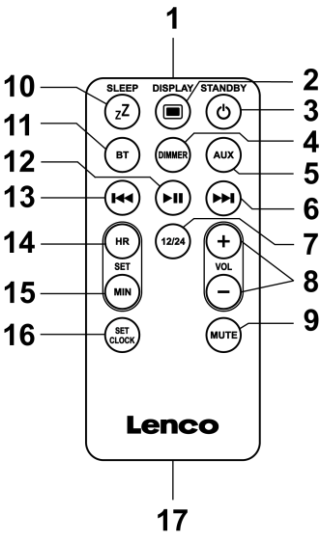
Exploring the device



1. **Mute button**, press this button to turn off the volume, press it again to turn on the volume
2. ⏭ **Next button**, press this button to go to the next song[1]
3. **AUX button**, press this button to enter AUX mode
4. **Volume + / - buttons**, press + to increase the audio volume, press - to decrease the audio volume
5. **BT Button**, press this button to enter Bluetooth® mode
6. ⏯ **play / pause button**, press this button to pause the audio playback, press it again to resume audio playback[1]
7. ⏮ **Previous button**, press this button to go to the previous song[1]
8. **Speakers**
9. ⏻ **Standby button**, press this button to turn the unit on or off
10. **LCD Display**, here the most important information will be displayed
11. **Infrared receiver**, this sensor is to receive the signals of the remote control
12. **Bluetooth® indicator**, this LED shows the Bluetooth® status
13. **Subwoofer**
14. **Reset button,** press this button to reset the unit
15. **AUX input jack**, use this connection to connect external audio devices
16. **DC in jack**, to connect the AC adaptor
17. **Bass reflex opening**, do not put any objects in this hole!

[1] *This feature does not function with devices connected via AUX.*

Exploring the remote control



1. **Infrared transmitter**, this LED sends the remote control commands to the main unit
2. **Display button**, when the unit is on press this button to display the clock
3. ⏻ **Standby button**, press this button to turn the unit on or off
4. **Dimmer button**, press this button to set the display backlight level
5. **AUX button,** press this button to enter AUX mode
6. ⏭ **Next button**, press this button to go to the next song[1]
7. **12 / 24 hour button**, press this button to switch between a 12 (AM / PM) or 24 hours clock format.
8. **Volume + / - buttons**, press + to increase the audio volume, press - to decrease the audio volume
9. **Mute button**, press this button to turn off the volume, press it again to turn on the volume
10. zZ **Sleep button**, press here to set the sleep timer
11. **BT Button**, press this button to enter Bluetooth® mode
12. ⏯ **play / pause button**, press this button to pause the audio playback, press it again to resume audio playback[1]
13. ⏮ **Previous button**, press this button to go to the previous song[1]
14. **HR button**, use this button to adjust the time (hours)
15. **MIN button**, use this button to adjust the time (minutes)
16. **Set clock button**, press this button to enter time set mode
17. **Battery compartment**, open to insert or replace the battery

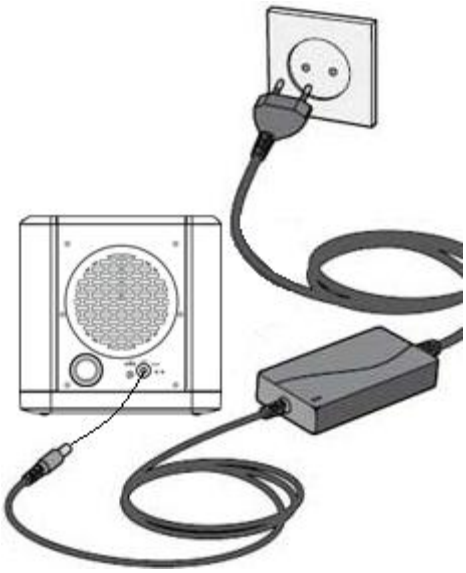
[1] *This feature does not function with devices connected via AUX.*

Getting started

Where to install

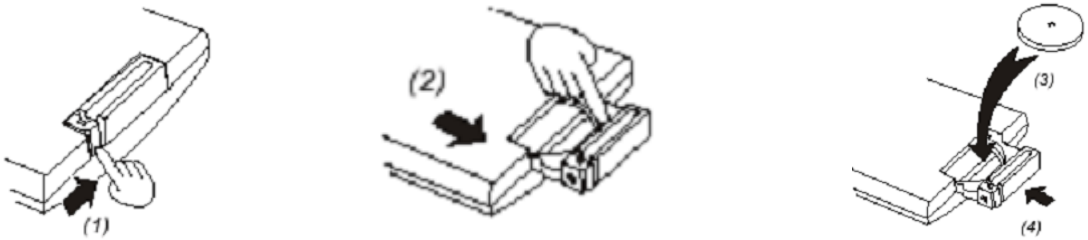
Never place this device in direct sunlight. For comfortable viewing, we recommend a soft light. Place it on a sturdy platform of which the surface should be flat and steady, so the product can't fall or hit by any objects. Make sure the product is placed in such a manner that nothing can fall on top of it, as pressure will damage or break the product. Prevent insertion of objects into the ventilation slots, or openings in the cabinet at all time.

Connecting to a power source



Connect the flat side of the AC adaptor to the AC wall outlet and connect the round side of the AC adaptor to the DC in jack.

Install the battery in the remote control



1. Press the locking tab in the direction of the arrow.
2. Pull out the battery tray.
3. Place the battery in the tray with the + side facing up
4. Push pack the tray until it clicks back.

Battery maintenance

To maximize the battery and remote control lifetime, please follow these instructions:

- Use the remote control of the product at least once a week.
- Remove the battery from the remote control if it is not used longer than a week.
- Always keep the tablet away from a heat source.
- Lenco recommends the use of A-brand batteries.

Establish a Bluetooth® connection

Bluetooth® *LED indicator information:*
The Bluetooth® *LED will burn continuously if the device is searching for a* Bluetooth® *device.*
The Bluetooth® *LED will blink if it is paired with a* Bluetooth® *device.*

The Bluetooth® information of this product is:
Name: Lenco
Password / PIN: 0000

Before you start the configuration, make sure that the Bluetooth® connection on your Smartphone or tablet is turned on.
Important note: Some Bluetooth® devices may not be compatible with this device.

1. Turn on the device by pressing the standby button on the remote control or main unit.
2. Go to Bluetooth® mode by pressing the BT button.
3. Wait until the Bluetooth® indicator LED burns continuously.
4. Search for Lenco on your Smartphone or tablet and connect with it.
5. If the pairing is successful the Bluetooth® indicator LED starts blinking.

Auto-pairing / connection: When the Bluetooth® connection gets interrupted or lost switch to AUX mode by pressing the AUX button on the remote control or main unit and switch back to Bluetooth® mode by pressing the BT button on the remote control or main unit. The device with now automatically reconnect with the last paired Smartphone or tablet. You can also turn the device off and on to reconnect.

Manual pairing / connection: In the case you would like to pair/connect other Smartphone's or tablets, press the BT button to enter Bluetooth® mode, at the first 30 seconds, the device will search for the last paired Bluetooth® device. If the device cannot find it after 30 seconds than you can follow about steps 3 to 5 to pair another Smartphone or tablet.
Note: If the unit cannot find any Bluetooth® mobile device for pairing around an hour, the unit will go into standby mode automatically.

Basic operation

- Use the **standby button** on the main unit or remote control to turn the unit on and off.
- **Volume + / - buttons** on the main unit or remote control, press + to increase the audio volume, press - to decrease the audio volume.
- **Mute button** on the main unit or remote control, press this button to turn off the volume, press it again to turn on the volume.
- Press the **clock button** on the remote control to display the clock.

Bluetooth®

All of below functions only work if you are in Bluetooth® mode and if a Smartphone or tablet is paired.

Play your music

- Press the **play button** on the main unit or remote control to start or pause the music playback.
- ⏭ **Next button**, press this button on the main unit or remote control to go to the next song.
- ⏮ **Previous button**, press this button on the main unit or remote control to go to the previous song.
- **Volume + / - buttons**, press + to increase the audio volume, press - to decrease the audio volume.

- **Mute button**, press this button to turn off the volume, press it again to turn on the volume.

AUX

Use the AUX connection to connect an external audio source. Press AUX on the main unit or on the remote control to enter AUX mode. When AUX mode is active you can only use the volume controls of the Lenco device all other functions need to be operated from the device that send the signal to the Lenco device.

Sleep timer

This feature will turn off the device after a preset amount of time (Up to 90 minutes). To activate the sleep timer mode press the zZ button on the remote control repeatedly until the desired time is reached. You can choose out of 15, 30, 45, 60 and 90 minutes. Take note that the sleep timer doesn't turn off the external audio device.

Reset

If the device does not respond to the control buttons anymore, press the reset button to reset the device. The reset clears the system memory so all settings will be erased.

System settings

Setting the display backlight level

Press the dimmer button on the remote control to adjust the backlight intensity. The intensity can be set low or high.

Setting the clock

1. Press the 12 / 24 hour button on the remote control to set the desired clock format.
2. Press the set clock button on the remote control to enter time set mode.
3. Press the HR button on the remote control to set the hours.
4. Press the MIN button on the remote control to set the minutes.

Troubleshooting

Problem	Answer
Unit does not turn on	Check if the adaptor is connected correctly
No sound	Did you select the right source (Bluetooth® of AUX)
	Is the external audio source set correct?
	Is the Bluetooth® device paired?
	Press mute
	Press volume +
Remote control does not function	Are you within the operating area?
	In strong light (outdoor) the remote control may not work properly.
	Maybe the battery is empty?
Unit does not respond	Reset the unit.

Specifications

Power supply	External AC/DC adaptor	Input	AC ~ 100-240V, 50/60Hz
		Output	DC 18V 3000mA
Power Consumption	Standby		< 1 W
	Operation		55 W (max)
Operating conditions	Temperature		-10~+35°C
	Humidity		5%~90%
Output	Power output	Speakers	6 X 13 W RMS
		Subwoofer	40 W RMS
	Frequency response		±1,5dB 20Hz~20kHz
	S/N		>80dB @ 1kHz
	THD + Noise		≤-60dB @ 1kHz
	L/R Channel output		Real 3D sound
	Equalizer		No
Connections	DC in Jack		
	External audio input		AUX 3,5mm
Display	Information display color		Blue
	Dimmer function	Yes	Low / High
	Viewing angle		90°
	Clock	Yes	12 / 24 Hour
	Multi language OSD		No
Other features	Sleep timer	Off, 15, 30, 45, 60, 90 (minutes)	
Remote control	Operating range		5m
			30° Angle
	Battery		1x CR2025
Dimensions, length, width, height		Main unit	200 x 200 x 195 mm
		Remote control	40 x 86 x 6 mm
Weight	Main unit		2,6 KG
	Remote control		14 Grams
Housing material	Plastic		
Certificates	CE, RoHs		

Safety instructions

IMPORTANT SAFETY INSTRUCTIONS - READ CAREFULLY BEFORE USE.

CAUTION

RISK OF ELECTRICAL SHOCK

DO NOT OPEN

CAUTION: TO PREVENT AN ELECTRICAL SHOCK, DO NOT REMOVE ANY COVER SCREWS. THERE ARE NO USER SERVICEABLE PARTS INSIDE. REQUEST A QUALIFIED SERVICE PERSON TO PERFORM SERVICING.

This symbol indicates that there are important operating maintenance instructions in the user manual accompanying this device.

This symbol indicates that dangerous voltage is present within this device, constituting a risk of electric shock or personal injury.

Keep these instructions in mind:

- Do not use this device near water.
- Clean only with a slightly damp cloth.
- Do not cover or block any ventilation opening. When placing the device on a shelf, leave 5 cm (2”) free space around the whole device.
- Install in accordance with the supplied user manual.
- Don’t step on or pinch the power cord. Be very careful, particularly near the plugs and the cable’s exit point. Do not place heavy items on the power cord, which may damage it. Keep the entire device out of children’s reach! When playing with the power cable, they can seriously injure themselves.
- Unplug this device during lightning storms or when unused for a long period.
- Keep the device away from heat sources such as radiators, heaters, stoves, candles and other heat-generating products.
- Avoid using the device near strong magnetic fields.
- WARNING! NEVER INSERT AN OBJECT INTO THE PRODUCT THROUGH THE VENTS OR OPENINGS. HIGH VOLTAGE FLOWS THRU THE PRODUCT AND INSERTING AN OBJECT CAN CAUSE ELECTRIC SHOCK AND/OR SHORT CIRCUIT INTERNAL PARTS. FOR THE SAME REASON, DO NOT SPILL WATER OR LIQUID ON THE PRODUCT.
- Do NOT use in wet or moist areas such as bathrooms, steamy kitchens or near swimming pools.

Safety instructions - continued

- Do not use this device when condensation may occur.

This device is produced according to all current safety regulations. The following safety tips should safeguard users against careless use and dangers involved with such use.

- Although this device is manufactured with the utmost care and checked several times before leaving the factory, it is still possible that problems may occur, as with all electrical appliances. If you notice smoke, an excessive build-up of heat or any other unexpected phenomena, you should disconnect the plug from the main power socket immediately.
- This device must be well ventilated at all time!
- This device must operate on a power source as specified on the specification label. If you are not sure of the type of power supply used in your home, consult your dealer or local power company.
- The socket outlet must be installed near the equipment and must be easily accessible.
- Do not overload AC outlets or extension cords. Overloading can cause fire or electric shock.
- Devices with a Class II adaptor do not need a earthed connection.
- Keep away from rodents. Rodents enjoy biting on power cords.
- Always hold the plug when pulling it out of the main supply socket. Do not pull the power cord. This can cause a short circuit.
- The screen is made of plastic and can break when damaged. When broken, be careful with sharp edged plastic splinters to avoid injury.
- Avoid placing the device on any surfaces that may be subject to vibrations or shocks.
- To protect the device during a thunderstorm, unplug the AC power cable.
- When the device is not in use for long periods, unplug the AC power cable for safety reasons.
- Do NOT knock on, press, hit or shake the screen as you may damage the internal circuits.
- To clean the device, use a soft dry cloth. Do NOT use solvents or petrol based fluids. To remove severe stains, you may use a damp cloth with dilute detergent.
- Lenco is not responsible for damage or lost data caused by malfunction, misuse, modification of the device.

WARNING: Long-term exposure to loud sounds may lead to temporary or permanent hearing impairment.

Declaration of Conformity

Products with the CE marking comply with the EMC Directive (2004/108/EC) and the Low Voltage Directive (2006/95/EC) issued by the Commission of the European Community.

Do not distribute copyright-protected material

Do not distribute copyright-protected material without the permission of the content owners. Doing this may violate copyright laws. The manufacturer is not liable for any legal issues caused by the user's illegal use of copyrighted material.

Keep your personal and important data safe

- When you want to dispose of your device reset your device to prevent misuse of your personal information.

Disclaimer

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Service and support

For information and support: www.lenco.eu

Lenco helpdesk:

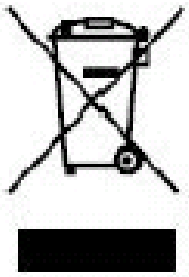
Germany	0900-1520530	(Local charges)
The Netherlands	0900-23553626	(Local charges + 1ct P/min)
Belgium	02-6200115	(Local charges)
France	0170480005	(Local charges)

The helpdesk is accessible from Monday to Friday from 9 AM till 6 PM.
In case your device needs repair, our helpdesk will redirect you to your local dealer.

Lenco offers service and warranty in accordance to European law, which means that in case of repair (both during and after the warranty period), you should contact your local dealer. **Please note**: It is not possible to send products to directly Lenco for repair.

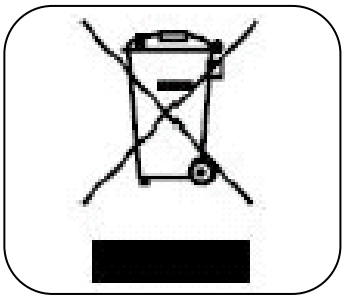
Important note: If this device will be opened, or accessed in any way by a non-official service center, the warranty expires immediately.

End of life



This symbol indicates that the relevant electrical product or battery can't be disposed as general household waste in Europe. To ensure the correct waste treatment of this device and the battery, please dispose them in accordance to any applicable local laws of requirement for disposal of electrical equipment and batteries. In doing so, you will help to conserve natural resources and improve standards of environmental protection in treatment and disposal of electrical waste (Waste Electrical and Electronic Equipment Directive).

When you see a crossed-out wheeled waste container on the product, it means that the product falls under the EU directive 2002/96/EC.



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